

1. PRODUCT NAME

FortaneTM Latex Modified Floor Patch

2. MANUFACTURER

TEC Specialty Products LLC
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
800.832.9002 Customer Service
800.832.9023 Technical Support
tecspecialty.com

3. DESCRIPTION

Fortane Patch Latex Modified Floor Patch is a fast setting cement-based product designed specifically for patching and filling cracks, voids, seams and depressions in most floor surfaces from featheredge up to ½" (12 mm) deep. Flat trowel to produce a smooth, level, non-cracking surface. The resulting finish is ideal for the installation of sheetgoods, resilient tile, carpet, wood and ceramic or stone tile.

Key Features and Benefits

- Patch ½" (12 mm) down to a featheredge
- Fast setting—install flooring in 30 to 45 minutes
- Latex modified smooth surface patch
- Use on wood, concrete and most other existing flooring materials
- Self-drying formula
- Contributes to LEED® project points
- VOC 0

Packaging

25 lb. moisture-resistant bags (11.34 kg)

Product #10018210

Coverage

Coverages shown are approximate. Actual coverages may vary according to substrate conditions and thickness of applications.

Application Depth	Approximate Coverage
⅛" (3 mm)	26-29 sq.ft. (2.4-2.7 m²)
¼" (6 mm)	13-14 sq.ft. (1.2-1.3 m²)
½" (12 mm)	6-7 sq.ft. (0.6-0.7 m²)

Suitable Substrates

When properly prepared, suitable substrates include:

- Concrete
- Cement backerboards
- Concrete terrazzo
- Ceramic tile, pavers, brick
- Quarry tile
- Exterior grade plywood, C-C (plugged) or better
- Exterior Grade Luan Plywood—Type I Trademarked Exterior Grade, OVL, CC, BB, OVL face grades only (Note: Luan plywood is an unacceptable substrate for the installation of resilient, ceramic or marble tile)
- Vinyl composition tile (VCT), embossed resilient floor coverings must be single layer and well bonded to an approved substrate*
- Adhesive residue (except for tacky or pressure sensitive adhesive)*
- Gypsum substrates*—minimum tensile bond strength 72 psi (0.5 MPa)

*Requires priming with FortaneTM Multi-purpose Primer.

Substrate Preparation

All surfaces must be structurally sound, dry and free from oil, grease, dust, loose or peeling paint, sealers, floor finishes, curing compounds or any contaminant that would prevent a good bond. Concrete and cementitious substrates must be fully cured and free of any hydrostatic pressure or excessive moisture [15 lb. per 1,000 ft² (0.07 kg/m²) per 24 hours, RH 99% or lower]. Fortane Patch can be installed over green concrete with RH of 99% or less. This product is not a moisture

vapor barrier. If substrate moisture content exceeds the maximum allowed by the flooring manufacturer, then moisture mitigation must be applied prior to application of Patch. To reduce moisture vapor emissions to an acceptable level, use FortaneTM EZ MVB Moisture Vapor Barrier (see product data sheets for details). All surface protrusions must be removed by sanding, scraping or chipping. Remove all dust by vacuuming. Not recommended for use over expansion or control joints.

Notes: Vinyl asbestos tile or any substrate containing asbestos must not be sanded, scored or scarified because of the potential health hazard of breathing dust. Any substrate containing asbestos must be handled in accordance with existing EPA regulations. Contact your local EPA office.

Storage

Store in a cool, dry area, away from direct sunlight. Do not store open bags.

Shelf Life

Maximum 1 year from date of manufacture in properly stored, unopened package.

Limitations

- Only for interior use.
- Do not use where there is hydrostatic pressure or excessive moisture conditions.
- Not for use as a wear surface or to patch over sealed concrete, epoxy terrazzo, tempered hardboard, particle board, strip wood flooring, over heavily cushioned flooring or perimeter bonded flooring.
- Do not apply when the temperature is below 50°F (10°C).

Cautions

Read complete cautionary information printed on product container prior to use. Non-hazardous; no special precautionary measures are required. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered Fortane brand product(s) under normal environmental and working conditions. Because each project is different, TEC Specialty Products LLC cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

4. TECHNICAL DATA

Physical Properties

Fortane Latex Modified Floor Patch	
Description	
Physical State	Dry powder
Color	Gray
Compressive Strength (ASTM C109) 28 days	3,500 psi (24.1 MPa)
Pot Life	10-15 minutes
Install Floor Covering*	30-45 minutes
Storage	Store in a cool, dry area, away from direct sunlight. Do not store open bags.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package.

*Flooring installation after application is dependent on thickness, drying conditions, and type of flooring.

5. INSTALLATION INSTRUCTIONS

Mixing

For best results, Patch and room should be at 50°F to 70°F (10°-21°C) for 24 hours before, during and 48 hours after installation. Slowly add the entire bag of Patch into 3-4 quarts (2.8-3.8 L) of clean, cool water. Mix thoroughly to a smooth, lump-free consistency. For smaller amounts use a ratio of 3 parts powder to 1 part water. Avoid breathing dust and contact with eyes and skin. Avoid using high speed mixing—not to exceed 300 rpm. Mix only as much patching compound as can be used in 10 to 15 minutes. **Use immediately.**

Application

Immediately after mixing, work the Patch into the void to be filled with a flat steel trowel and then finish to a level surface to the required smoothness. The working time for this product is 10 to 15 minutes depending upon the temperature. High temperature will shorten the working time. For repairs greater than ½" (12 mm) in thickness, you will need two applications, allowing the first application to set before applying the second. Do not exceed a total thickness of 1" (25 mm) of Patch. Do not overwork the product.

Curing

Patch is fast drying and can accept foot traffic and the installation of most floor covering materials within 30 to 45 minutes. Protect from excessive heat or drafty conditions during curing period.

Clean-up

Wash tools, hands and equipment with warm soapy water while material is still fresh.

6. AVAILABILITY

Fortane products are available nationwide.

To locate Fortane products in your area, please contact:

Phone: 800-832-9002

Website: tecspecialty.com

7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. **TEC Specialty Products LLC disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product.**

For Limited Warranty details visit tecspecialty.com. To obtain a hard copy of the Limited Warranty call TEC Specialty Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

8. TECHNICAL SERVICES**Technical and safety literature**

To acquire technical and safety literature, please visit our website at tecspecialty.com.

To learn more, visit TECSpecialty.com



TEC Specialty Products LLC | 1105 South Frontenac Street, Aurora, IL 60504-6451